

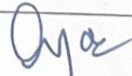
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Department of Pathology

ANNEXURE

AETCOM

AETCOM DISTRIBUTION FOR PHASE II MBBS 2024 - 2025

| AETCOM NUMBER | HOURS ALLOTTED | DATE                 |
|---------------|----------------|----------------------|
| AETCOM 2.6    | 2 hours        | 14/09/2024           |
|               | 1 hour         | 5/10/2024            |
|               | 2 hours        | 5/10/2024            |
| AETCOM 2.6    | Total 5 hours  |                      |
| AETCOM 2.7    | 3 hours        | 18/1/2025            |
|               | 2 hours        | 20/1/2025, 22/1/2025 |
| AETCOM 2.7    | Total 5 hours  |                      |
|               |                |                      |
| AETCOM 2.4    | 2 hours        | 2/6/2024             |
|               | 2 hours        | 4/6/2024             |
|               | 2 hours        | 7/6/2024             |
| AETCOM 2.4    | Total 6 hours  |                      |

  
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Phase II MBBS 2024 - 2025

[Tutorial (Tu), OSPE, Formative assessment (FA), DOPS]

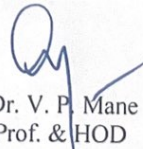
| Sr. No | PA  | Formative Assessment                     |
|--------|---|--|
| 1      | PA 6.1,6.2,6.3,6.4,6.5  | Circulatory disorders (FA-1)             |
| 2      | PA 13.1 to 15.4   | Anemia -I (FA-2)                         |
| 3      | PA 16.1,16.2,16.3,16.4,16.5   | Anemia -II (FA-3)                        |
| 4      | PA 24.2,24.3  | Peptic ulcer and neoplasms of GIT (FA-4) |
| 5      | PA 22.2   | Compatibility Testing (FA-5)             |
| 6      | PA 8.1,8.2,8.3  | Cytology (FA -6)                         |
| 7      | PA 26.1 to 26.7,<br>PA 27.1 to 27.10                                | CVS, RS (FA-7)                           |
| 8      | PA 28.1 to 28.5   | Kidney- I (FA -8)                        |
| 9      | PA 28.8 to 28.10,28.13  | Kidney- II (FA -9)                       |
| 10     | PA 28.12,28.14,28.15,28.16  | Kidney- III (FA -10)                     |
| 11     | PA 33.1 to 33.5,<br>PA 35.1 to 35.3,<br>PA 36.1,<br>PA 34.1 to 34.4 | Bone, CNS, Eye and Skin (FA -11)         |

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Phase II MBBS 2024 - 2025

[Tutorial (Tu), OSPE, Formative assessment (FA), DOPS]

|    |   |  |
|----|---|--|
| 1  | PA 2.1,2.2 , 2.3, 2.5, 2.4,                             | Cell injury [Tu-1]                                   |
| 2  | PA 4.1,4.2,4.3, 5.1                                     | Inflammation [Tu-2]                                  |
| 3  | PA 9.1,9.2,9.3,9.4, 9.5,9.6,9.7,<br>10.1,10.2,10.3,10.4 | Immunology infection-1 [Tu-3]                        |
| 4  | PA 9.1,9.2,9.3,9.4, 9.5,9.6,9.7,<br>10.1,10.2,10.3,10.4 | Immunology infection-2 [Tu-4]                        |
| 5  | PA 7.1,7.2,7.3,7.4,7.5                                  | Neoplasia [Tu-5]                                     |
| 6  | PA 18.1 to 18.2 and PA 19.1 to19.6                      | WBC disorders and lesions of lymph node [Tu-6]       |
| 7  |   | Slides specimen revision - General Pathology OSPE-1  |
| 8  |   | Slides specimen revision - Systemic Pathology OSPE-2 |
| 9  |   | Gross Specimen [OSPE-3]                              |
| 10 |   | Microscopy slides [OSPE-4]                           |
| 11 |   | Term I Syllabus [OSPE-5]                             |
| 12 |   | Term II Syllabus [OSPE-6]                            |
| 13 |   | Term III Syllabus [OSPE-7]                           |
| 14 | PA 16.1-16.7  | Hemolytic anemia [DOPS - 1]                          |
| 15 | PA 25.1-25.6  | Hepatobiliary system [DOPS-2]                        |
| 16 | PA 35.1-35.3  | Central nervous System [DOPS-3]                      |
| 17 | PA 13.1-13.5, PA14.1-14.3,PA 15.1-<br>15.4,PA 16.1-16.7 | Peripheral smear examination and anemia [DOPS-4]     |
| 18 | PA 23.1   | Urine examination [DOPS-5]                           |
| 19 |   | Clinical tray [DOPS-6]                               |
| 20 |   | Charts [DOPS-7]                                      |

  
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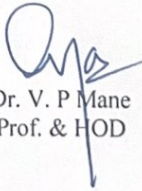
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**DOAP DISTRIBUTION FOR PHASE II MBBS 2024-2025**

**DOAP (Demonstrate by Student, Observe, Assist Perform)**

|    |                             |   |
|----|-----------------------------|---|
| 1  | PA 2.8, 3.2, 4.4, 6.7       | Cell injury, amyloidosis, inflammation and infarction |
| 2  | PA 13.5                     | Peripheral smear examination                          |
| 3  | PA 14.3,15.3                | Microcytic and macrocytic anemia                      |
| 4  | PA 16.6                     | Hemolytic anemia                                      |
| 5  | PA 18.1,18.2, 20.1          | WBC disorder and plasma cell myeloma                  |
| 6  | PA 19.3,19.5                | Lesions of lymph node                                 |
| 7  | PA 23.1                     | Urine examination                                     |
| 8  | PA 26.6                     | Liver function tests and Tumors of liver              |
| 9  | PA 27.8                     | Cardiac function test and CVS                         |
| 10 | PA 19.1 -19.7               | Lymph node, blood banking                             |
| 11 | PA 24.1to24.7,27.1 to 27.10 | GIT, CVS  |
| 12 | PA 31.3                     | Lesions of breast                                     |
| 13 | PA 34.1 to 34.4             | Lesions of skin                                       |
| 14 | PA 8.3                      | Cytology  |
| 15 | PA 35.3                     | Diseases of CNS and Meningitis                        |

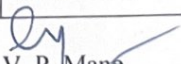
  
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**Phase II MBBS 2024 - 2025**

**Integrated teaching [ IT]**

| Sr. No. | Pathology Topic - Anemia  | Integration with  |
|---------|---|---|
| 1.      | PA 13.1, 13.2 – Hematopoiesis and anticoagulant                         | Microbiology<br>General Medicine,<br>Obstetrics and gynaecology<br>Pharmacology |
| 2.      | PA 13.3, 13.4 – Anaemia in general                                      |   |
| 3.      | PA 14.2 – Iron deficiency anemia  |   |
| 4.      | PA 15.1, 15.2, 15.4, 17.1 – Macrocytic and aplastic anemia              |   |
| 5.      | PA 16.1, 16.2, 16.5 – Hemolytic anemia - I                              |   |
| 6.      | PA 16.6 – Hemolytic anemia - II   |   |
| 7.      | PA - 14.1 to 16.7 – Laboratory diagnosis of anemia                      |   |
| 8.      | PA 14.1 to 15.4 – Anemia  |   |
| 9.      | PA 17.2 – Bone marrow aspiration and biopsy                             |   |
| 10.     | Practical PA 13.5 – Peripheral smear examination (Pr. – 7)<br>/DOAP – 2 |   |
| 11.     | Haemoglobin estimation (SGD - 3)  |   |
| 12.     | PA 14.3, 15.3 Microcytic and macrocytic anemia<br>(Pr. – 8) / DOAP – 3  |   |
| Sr. No. | Pathology Topic – Tuberculosis  | Integration with  |
| 1.      | PA. 10.3, 10.4 – Infections and infestations – 2 TB (L-38)              | Microbiology  |
| 2.      | PA 19.1, 19.2 – Lymphadenopathy and tuberculosis ( L – 35)              | General Medicine,<br>Obstetrics and gynaecology                                 |
| 3.      | Tuberculosis – General and systemic pathology                           | Pharmacology<br>Community Medicine  |

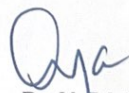
  
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**Lectures [L] for Phase II MBBS 2024 – 2025**

|                        |   |
|------------------------|---|
| PA 1.1,1.2,1.3         | Introduction [L-1]<br>Histotechnique [L-2]            |
| PA 2.1,2.2             | Cell injury [L-3]                                     |
| PA 2.3                 | Intracellular Accumulations [L-4]                     |
| PA 2.3,2.5             | Pigment metabolism and Pathologic Calcification[L-5]  |
| PA 2.4,2.5             | Necrosis & Gangrene [L-6]                             |
| PA 2.7                 | Cellular Ageing and Apoptosis [L-7]                   |
| PA 4.1                 | Acute Inflammation [L-8]                              |
| PA 4.2                 | Chemical Mediators of Inflammation [L-9]              |
| PA 4.3                 | Chronic inflammation [L-10]                           |
| PA5.1                  | Repair and Regeneration[L-11]                         |
| PA 6.1 , 6.2           | Hemorrhage, Hyperamia and Oedema [L-12]               |
| PA 6.3                 | Shock[L-13]   |
| PA6.4,6.5              | Thrombosis Embolism[L-14]                             |
| PA6.5,6.6              | Embolism and infarction [L-15]                        |
| PA 9.2                 | Hypersensitivity reaction [L-16]                      |
| PA 9.4, 9.5, 9.7       | Autoimmune disease [L-17]                             |
| PA 9.3                 | Transplant Pathology [L-18]                           |
| PA 9.6                 | Immunodeficiency diseases -HIV [L-19]                 |
| PA 3.1                 | Amyloidosis [L-20]                                    |
| PA 7.1                 | Neoplasia 1 [L-21]                                    |
| PA 7.2                 | Neoplasia 2 [L-22]                                    |
| PA 7.3                 | Neoplasia 3 [L-23]                                    |
| PA 7.4 7.5             | Neoplasia 4 [L-24]                                    |
| PA 10.3, 10.4          | Infections and infestation 2 [L-25]                   |
| PA 11.1,11.2           | Genetic and pediatric disease [L-26]                  |
| PA 12.1,12.2           | Environmental and nutritional diseases [L-27]         |
| PA13.3 13.4            | Anemia in general [L-28]                              |
| PA 14.2                | Iron Deficiency Anemia [L-29]                         |
| PA15.1,15.2,15.4, 17.1 | Macrocytic anemia, aplastic anemia [L-30]             |
| PA 16.1, 16.2 , 16.5   | Hemolytic anemia 1 [L-31]                             |
| PA 16.5                | Hemolytic anemia 2 [L-32]                             |
| PA 18.1 18.2, 20.1     | WBC disorder, Leukemia and plasma cell myeloma [L-33] |
| PA 19.1 19.2           | Lymphadenopathy and Tuberculosis [L-34]               |
| PA 19.4 19.6           | Lymphoma and splenomegaly [L-35]                      |
| PA 21.1,21.2 21.3      | Haemorrhagic disorder [L-36]                          |
| PA 21.4, 21.5          | DIC with lab investigations [L-37]                    |
| PA 10.1,10.2,10.4      | Infection and infestation 2 [L-38]                    |
| PA22.4 22.5            | Blood component and TTD [L-39]                        |
| PA 22.6 22.7           | Tranfusion reaction and autologous tranfusion [L-40]  |
| PA 24.1,               | Oral cavity and upper GIT [L-41]                      |

|                          |  |
|--------------------------|--|
| PA 24.2 24.3             | Peptic ulcer [L-42]  |
| PA 24.5 24.6             | Ulcerative lesions of intestine[L-43]                                |
| PA 24.4 24.7             | Ca stomach and Ca colon[L-44]  |
| PA 25.2                  | Jaundice and hepatic failure [L-45]                                  |
| PA 25.3                  | Viral and toxic hepatitis[L-46]                                      |
| PA 25.4, 25.5            | Alcoholic liver disease and cirrhosis with portal hypertension[L-47] |
| PA 27.1,27.2             | Atherosclerosis and aneurysm[L-48]                                   |
| PA 27.3 27.5             | Heart failure and ischemic heart disease [L-49]                      |
| PA 27.4                  | Rheumatic heart disease[L-50]  |
| PA 27.6, 27.7            | Infective endocarditis pericarditis[L-51]                            |
| PA 26.1, 26.2            | Pneumonia and lung abscess[L-52]                                     |
| PA 26.3                  | Obstructive airway disease and bronchiectasis [L-53]                 |
| PA 26.4                  | Tuberculosis of lung [L-54]  |
| PA 26.5                  | Occupational lung disease [L-55]                                     |
| PA 26.6, 26.7            | Tumors of lung and pleura [L-56]                                     |
| PA 28.5                  | Glomerular diseases pathogenesis -1 [L-57]                           |
| PA 28.5                  | Glomerular diseases pathogenesis -2 [L-58]                           |
| PA 28. 2,28.3,28.4       | Acute and chronic renal failure [L-59]                               |
| PA 28.8,28.9,28.10,28.13 | Tubulointestinal disease and pyelonephritis [L-60]                   |
| PA 28.14,28.16           | Renal and urothelial tumours [L-61]                                  |
| PA 28.12,28.15           | Cystic diseases and thrombotic disease of kidney [L-62]              |
| PA 29.1,29.2             | Testicular and penile lesions [L-63]                                 |
| PA 29.3,29.4, 29.5       | Lesions of prostate [L-64]   |
| PA 30.1                  | Carcinoma cervix [L-65]  |
| PA 30.2,30.9             | Lesions of endometrium [L-66]  |
| PA 30.4, 30.5            | Lesions of ovary and trophoblastic tumors [L-67]                     |
| PA 31.1,31.4             | Benign breast lesions [L-68]   |
| PA 31.2                  | Carcinoma breast [L-69]  |
| PA 32.1,32.2,32.3        | Lesions of thyroid [L-70]  |
| PA 32.4                  | Diabetes mellitus [L-71]   |
| PA 32.4                  | Lab diagnosis of diabetes [L-72]                                     |
| PA 32.5. 32.6            | Parathyroid and exocrine pancreas [L-73]                             |
| PA 32.7,32.8,32.9        | Lesions of adrenal gland [L-74]                                      |
| PA 33.1,33.4,33.5        | Osteomyelitis, Pagets disease and rheumatoid arthritis [L-75]        |
| PA 33.2                  | Bone tumour [L-76]   |
| PA 33.3                  | Soft tissue tumours [L-77]   |
| PA 34.1 to 34.4          | Tumors of skin [L-78]  |
| PA 8.1,8.2               | Cytology [L-79]  |
| PA 35.2, 36.1            | Tumors of CNS and eye [L-80]   |

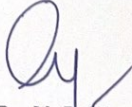
  
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**Phase II MBBS 2024 - 2025**

|                                 |
|---------------------------------|
| Other Activity                  |
| Quiz I                          |
| Quiz II                         |
| Quiz III                        |
| Research – Review of literature |
| Poster presentation             |

  
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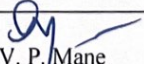
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**Phase II MBBS 2024 - 2025**

**Practical / Small group discussions [ Pr / SGD]**

|     |                               |   |
|-----|-------------------------------|---|
| 1   | PA 2.8                        | Intracellular accumulation and necrosis                     |
| 2   | PA 4.4                        | Acute and chronic inflammation                              |
| 3   | PA 6.2                        | Congestion odema  |
| 4   | PA 6.3, 6.4, 6.5, 6.6         | Thrombosis and embolism                                     |
| 5   | PA 7.1                        | Neoplasia   |
| 6.  | PA 10.3,26.4                  | Tuberculosis and leprosy                                    |
| 7.  | PA 13.5                       | Peripheral smear examamination                              |
| 8.  | PA 14.3,15.3                  | Microcytic and macrocytic anemia                            |
| 9.  | PA 16.6                       | Hemolytic anemia  |
| 10. | PA 18.1,18.2, 20.1            | WBC disorder and plasma cell myeloma                        |
| 11. | PA 19.3,19.5                  | Lesions of lymph node                                       |
| 12. | PA 22.1 to 22.7, 21.1 to 21.5 | Blood banking and hemorrhagic disorders                     |
| 13. | PA 24.1 to 24.7               | Gastrointestinal tract                                      |
| 14. | PA 26.6                       | Liver function tests and Tumors of liver                    |
| 15. | PA 27.8                       | Cardiac function test and slides of atherosclerosis and RHD |
| 16. | PA 26.1 to 26.7               | Respiratory system  |
| 17. | PA28.1 to 28.14               | Renal system  |
| 18. |                               | Urine examination   |
| 19. | PA 29.1 to 29.5               | Male genital system   |
| 20. | PA 30.1 to 30.9               | Female genital tract  |
| 21. | PA 31.3                       | Carcinoma breast  |
| 22. | PA 32.1 to 32.9               | Endocrine system  |
| 23. | PA 33.1 to 33.5               | Lesions of bone and joint                                   |
| 24. | PA 34.1 to 34.4               | Tumors of skin  |
| 25. | PA 8.3                        | Cytology  |
| 26. | PA 35.3                       | Diseases of CNS and Meningitis                              |

  
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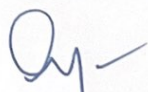
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**Phase II MBBS 2024 - 2025**

**Self-Directed Learning (SDL)**

| SDL N.  | Date     | Topic - Self-directed learning [SDL] |   |
|---------|----------|--------------------------------------|---|
| SDL - 1 | 8/11/24  | PA 5.1                               | Repair of specialised tissue (M)            |
| SDL - 2 | 28/12/24 | PA7.5                                | Tumour immunology (S)                       |
| SDL -3  | 03/01/25 | PA11.3                               | Storage disorders in infancy (L)            |
| SDL -4  | 17/01/25 | PA 12.3                              | Obesity (S)                                 |
| SDL -5  | 12/11/24 | PA13.1 13.2                          | Haematopoiesis and anticoagulant (L)        |
| SDL -6  | 21/11/24 | PA14.1, 16.7                         | Lab diagnosis of anemia (S)                 |
| SDL -7  | 27/02/25 | PA16.7                               | Cross matching (L)                          |
| SDL -8  | 22/11/24 | PA17.2                               | Bone marrow aspiration and biopsy (L)       |
| SDL -9  | 15/03/25 | PA25.1                               | Bilirubin metabolism hyperbilirubinemia (M) |
| SDL -10 | 05/04/25 | PA27.9, 27.10                        | Cardiomyopathy and syphilis (S)             |
| SDL -11 | 08/05/25 | PA 28.1                              | Normal histology of kidney (M)              |
| SDL -12 | 31/05/24 | PA30.2                               | Lesions of myometrium (M)                   |
| SDL -13 | 03/05/25 | PA 28.2                              | Renal function test (S)                     |
| SDL -14 | 05/06/25 | PA30.6, 30.7, 30.8                   | Cervicitis, endometriosis & adenomyosis (M) |
| SDL -15 | 10/06/25 | PA32.2, 32.3                         | Thyroid function test (S)                   |
| SDL -16 | 14/06/25 | PA 34.4                              | Lab Diagnosis of complications of DM (L)    |
| SDL -17 | 20/06/25 | PA 33.1                              | Normal Histology of Bone (M)                |

SDL :- (S- Seminar, L- Library, M- Museum )

  
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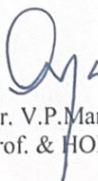
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Phase II MBBS 2024 - 2025

Small group discussions [ SGD]

|    |                   |                                   |
|----|-------------------|-----------------------------------|
| 1. |                   | Histotechnique and study of cells |
| 2. | PA 2.6            | Cellular adaptations              |
| 3. | PA29.1            | Semen analysis charts             |
| 4. | PA 32.1,32.2,32.3 | Thyroid function test             |
| 5. | PA 35.1           | Meningitis                        |
| 6. | PA 25.2           | Body fluids                       |

  
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